

ANNUAL REPORT

OF THE

Medical Officer of Health

ON THE

**SANITARY CONDITIONS**

OF THE

**MACCLESFIELD**

**RURAL DISTRICT,**

For the Year 1903.

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MACCLESFIELD :

FRED WOOD, PRINTER, STANLEY STREET.

## *Names and Residences of the Rural District Councillors.*

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- a* Mr. Allen Cooke, Whiteley Green, Adlington, near Macclesfield.
- a* Rev. Canon Bell, J. P., Alderley Rectory, near Crewe.
- a* Mr. Henry Massey, Over Alderley, near Crewe.
- a* Mr. Simeon Massey, Birtles Old Hall Farm, Chelford, near Crewe.
- a* Mr. Frank Thompstone, Harrington House, Bosley, near Macclesfield.
- a* Mr. John Jackson, Butley, near Macclesfield.
- a* Mr. John Wright, Simons Wood, Siddington, near Crewe.
- a* Mr. Samuel Whitlow Bucktrout, Snelson, Chelford, near Crewe.
- a* Mr. John Walkden, Davenport House Farm, Chorley, Alderley Edge, near Manchester.
- a* Rev. Robert Moore Peile Butler, Eaton Vicarage, near Congleton.
- a* Mr. George Thomas Vernon, Sycamore Farm, Upton, near Macclesfield.
- a* Mr. James Hague, Walker's Heath, Gawsworth, near Macclesfield.
- a* Mr. Harry Edgar Smale, Hurdsfield Cottage, Hurdsfield, near Macclesfield.
- b* Mr. Robert Bennett, Slater's Farm, Kettleshulme, near Stockport.
- b* Mr. Charles William Smith, Cornfields, Lyme Handley, near Stockport.
- b* Mr. Daniel Cooper Wheelton, Lower Nabs, Wildboarclough, near Macclesfield.
- c* Mr. John Blackshaw, Holly Bank, Marton, near Crewe.
- c* Mr. Ralph Powell, Mottram St. Andrew, Macclesfield.
- c* Mr. Enoch Clayton, North Rode Hall Farm, near Congleton.
- b* Rev. Thomas Bridge, The Vicarage, Poynton, near Stockport.
- b* Mr. James Potts Goulden, Midway Farm, Poynton, near Stockport.
- b* Mr. Thomas Robinson, 33, Whitefield, Shrigley Road, Bollington, near Macclesfield.
- b* Mr. Charles Woodward, Brook House Farm, Rainow, near Macclesfield.
- b* Mr. William Whiston, J.P., Clough House, Langley, near Macclesfield.
- b* Rev. Samuel Evans, Taxal, near Stockport.
- b* Mr. Henry Wallworth, Tytherington Old Hall, Tytherington, near Macclesfield.
- b* Mr. Edward Thompstone, Great Warford, Alderley Edge, near Manchester.
- b* Mr. George Holland, Yew Tree Farm, Woodford, near Stockport,

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*b* Retire April, 1904.   *a* Retire April, 1905.   *c* Retire April, 1906.

TO THE CHAIRMAN AND MEMBERS  
OF  
**The Rural District Council,**  
MACCLESFIELD.

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Gentlemen,—

Area of District, 79,618 acres.

Population (1901), 15,775.

Townships in Districts, 37.

During the year 1903 there have been registered 338 births (176 males, 162 females), the natural increase for the year being 145.

The birth rate is 21.0 per 1,000 per annum, and the rate of mortality is 11.99 per 1,000 per annum. 17.09 per cent. of the total deaths were children under 5 years of age, against 20.11 per cent. of last year. 39.37 per cent. were persons of 65 years and upwards, against 31.16 per cent. of 1902.

The rate of infant mortality, measured by the proportion of deaths of children under 1 year of age per 1,000 born is 76.92, against 74.28 of 1902. The rate of mortality of males of all ages per 1,000 of population is 6.4, and of females 5.5.

The death rate from Zymotic Diseases per 1,000 of population is .37, against .25 of last year.

Deaths occurred at the following ages :—

Under 1 year .....	26
Between 1 year and 5 years .....	7
Between 5 years and 15 years .....	11
Between 15 years and 25 years.....	8
Between 25 years and 65 years.....	65
65 years and upwards .....	76
<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>	
Total.....	193

**SMALLPOX.**—There have been two outbreaks of this disease during the year. The first was reported in January from Prestbury, and comprised 4 cases—3 males and 1 female. The former were removed to the Isolation Hospital on Greenway, Sutton, but owing to lack of accommodation it was impossible to remove the woman and she therefore received treatment at her own house. All four patients had been vaccinated in infancy; the disease was of confluent type and traceable to Reddish. Many persons in the neighbourhood were re-vaccinated and there was no further spread of the disease.



The second outbreak occurred in the township of Gawsworth in March. The patient, a male, having contracted the disease in a lodging house in Macclesfield. He was removed to Hospital and no further case occurred.

In each instance all articles which could not be satisfactorily disinfected were destroyed, and replaced at the expense of the Rural Council.

**SCARLET FEVER.**—46 cases of this disease were notified against 27 of last year, i.e., 11 in Alderley, 1 in Bollington, 18 in Gawsworth, 8 in Prestbury, and 8 in Sutton. Two deaths occurred, 1 in Gawsworth and 1 in Prestbury.

**MEMBRANOUS CROUP.**—Only 1 case, which terminated fatally, has been reported from the township of Prestbury.

**TYPHUS FEVER.**—No case notified.

**TYPHOID FEVER.**—Only 2 cases of this disease occurred, against 8 of last year—1 in the township of Alderley and 1 in Rainow, both of which recovered.

**PUERPERAL FEVER.**—1 case occurred in Alderley.

**ERYSIPELAS.**—4 cases occurred—1 in Gawsworth and 3 in Prestbury. There were no deaths from this disease.

**MEASLES** were very prevalent in the districts of Marton, Siddington, and Wildboarelough, and it was necessary to close the schools for a short time. In the majority of cases the disease was of a very mild type and no deaths occurred.

**WHOOPING COUGH.**—1 death was reported from this disease in Alderley.

**RHEUMATIC FEVER.**—No death notified.

**PHTHISIS.**—10 deaths were reported against 6 of last year—1 in Alderley, 1 in Gawsworth, 5 in Prestbury, 1 in Rainow, and 2 in Sutton.

**BRONCHITIS, PNEUMONIA AND PLEURISY.**—24 deaths were reported from these diseases, against 16 of last year.

**HEART DISEASES.**—23 deaths were reported.

**INFLUENZA.**—There were 3 deaths from this disease—1 in Alderley, 1 in Prestbury, and 1 in Rainow.

ACCIDENTS.—7 deaths occurred.

ALL OTHER DISEASES.—119 deaths, against 62 of last year.

The total number of deaths, 193, is somewhat larger than that of last year, 169, but the cause has occurred chiefly in persons over 65 years of age, and has not been due to any one special disease.

ALDERLEY.—There have been 17 cases of infectious sickness in this district, i.e., 4 of Diphtheria, 1 of Puerperal Fever, 1 of Enteric, and 11 of Scarlet Fever. The school at Great Warford was closed in January, owing to Diphtheria being in the district, and again in October for the same reason.

BOLLINGTON.—From this district only 1 case of infectious disease was notified, i.e., Scarlet Fever. The disease was not traceable, and the patient recovered.

GAWSWORTH.—21 cases of infectious sickness were reported, i.e., 1 of Erysipelas, 1 of Diphtheria, 1 of Small-pox, and 18 of Scarlet Fever. Owing to the prevalence of the latter in the Bosley District, it was necessary to close the school during January and February. In several instances the disease was directly traceable to persons from infected houses visiting their neighbours.

PRESTBURY.—20 cases occurred in this neighbourhood, 8 of Scarlet Fever, 3 of Erysipelas, 1 of Membranous Croup, 4 of Diphtheria, and 4 of Small-pox. The latter was traceable to Reddish.

RAINOW.—Only 2 cases of infectious disease were reported, 1 of Diphtheria, and 1 of Enteric. The school at Wildboarelough was closed during May owing to an epidemic of Measles in the neighbourhood, and the school at Macclesfield Forest was closed for a short time in March on account of an outbreak of Chicken-pox amongst the scholars.

SUTTON.—9 cases of infectious disease were reported from this township—8 of Scarlet Fever and 1 of Diphtheria.

Information was received in May that a quantity of Army blankets, in a filthy condition, had been purchased by a firm near Congleton. On visiting the place, I found that the majority of them had been sent into Congleton and these were dealt with by the authorities there. One blanket, however, was on the place, though not in use, and as it was in a very dirty condition, being soiled with blood, excrement and food, it was taken possession of by the Sanitary Inspector and immediately burnt.

On the receipt of notifications of Infectious Disease I have visited the dwellings where such outbreaks occurred and made careful investigation to discover the source of Infection. The Sanitary conditions have been satisfactory in the majority of cases, and when defects existed they have, as far as possible, been remedied.

In no instance has infection been traceable to the milk supply, and I should like to add that throughout the various townships of the district I have found the most scrupulous care and cleanliness in regard to all matters relating to dairy work.

Lists of outworkers, residing in the district, have been received from three firms :—

Messrs. T. Christy & Co., Poynton.

Messrs. Josiah Smale & Sons, Macclesfield.

Mr. S. Altham, Stockport.

I am, Gentlemen,

Your obedient servant,

JOHN L. RUSHTON, M.D.,

Medical Officer of Health.

Macclesfield.

10th February, 1904.

# BIRTH AND DEATH RATE FOR TEN YEARS.

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YEAR.	BIRTH RATE.	DEATH-RATE.	ZYMOTIC DEATH-RATE.
1894	..... 26.27 .....	..... 12.99 .....	..... ,39 .....
1895	..... 24.39 .....	..... 15.02 .....	..... .62 .....
1896	..... 22.36 .....	..... 13.14 .....	..... .33 .. ..
1897	..... 23.83 .....	..... 13.33 .....	..... .63 .....
1898	..... 25.27 .....	..... 14.08 .....	..... .17 .....
1899	..... 21.94 .....	..... 14.48 .....	..... .28 .....
1900	..... 22.73 .....	..... 11.03 .....	..... .21 .....
1901	..... 20.11 .....	..... 11.48 .....	..... .107 .....
1902	..... 21.93 .....	..... 10.59 .....	..... .25 .....
1903	..... 21.0 .....	..... 11.99 .....	..... .37 .....



# INQUESTS IN THE RURAL COUNCIL DISTRICT OF MACCLESFIELD IN 1903. 8.

No.	Sub-District.	Township.	Date.	Sex.	Age.	Supposed cause of Death.
1	Prestbury ...	Fallibroome	Dec. 29, 1902.	F.	48	Cerebral Hoemorrhage.
2	Gawsworth ...	Bosley	Jan. 4, 1903.	M.	3½ mos.	Convulsions, due to improper feeding.
3	Prestbury ...	Woodford	" 12, "	M.	25	Suicide by cutting his throat whilst temporarily insane.
4	Prestbury ...	Poynton-with-Worth	" 15, "	M.	23	Accidently killed by a passenger train.
5	Bollington ...	Lyme Handley	Feb. 17, "	M.	10 mos.	Convulsions due to severe burns accidentally received.
6	Rainow ...	Taxal	" 21, "	M.	66	Syncope.
7	Sutton ..	Sutton	" 24, "	F.	5 days.	Convulsions due to jaundice.
8	Gawsworth ...	Gawsworth	Mar. 3, "	M	46	That deceased died from severe injuries caused by a tree falling upon and crushing him.
9	Sutton ..	Sutton	" 12, "	M.	71	Syncope due to heart disease, accelerated by worry & anxiety.
10	Bollington ...	Lyme Handley	Apl. 13, "	F.	50	Found dead in a closet, such death being due to apoplexy.
11	Sutton ...	Sutton	" 19, "	F.	7 mos.	Convulsions.
12	Rainow ..	Taxal	May 12, "	F.	61	Heart disease.
13	Prestbury ...	Prestbury	" 18, "	M.	67	Suicide by drowning in the Mill pond whilst temporarily insane.
14	Rainow ...	Saltersford	" 28, "	F.	2 mos.	Found dead in bed, such death being due to convulsions.
15	Alderley ..	Chelford	June 28, "	M.	52	Found dead in bed, such death being due to fatty degeneration of the heart.
16	Gawsworth ...	Henbury	July 3, "	F.	54	Found dead in a closet, such death being due to syncope.
17	Rainow ...	Rainow	Sept. 5, "	M.	2	Accidentally drowned.
18	Rainow ...	Rainow	Oct. 3, "	F.	6	Accidentally suffocated by a plum sticking in her throat.
19	Prestbury ...	Butley	Nov. 2, "	M.	64	Injury to his brain caused by falling on his head off a load of hay
20	Rainow ...	Rainow	Dec. 10, "	M.	68	Syncope due to heart disease.



UNCERTIFIED DEATHS IN THE RURAL COUNCIL DISTRICT OF MACCLESFIELD IN 1903. 9.

No.	Sub-District.	Township.	Date.	Sex.	Age.	Supposed cause of death.
1	Rainow ...	Rainow	Dec. 29, 1902.	F.	46	Gastric ulcer and perforation.
2	Alderley ...	Nether Alderley	June. 6, 1903.	F.	76	Chronic bronchitis and weak heart.
3	Prestbury ...	Adlington	Oct. 25, ,,	M.	58	Chronic Brights disease.

TABLE 1.  
FOR WHOLE DISTRICT.

Year.	Population estimated to Middle of each Year.	Births.		Deaths under 1 Year of age.		Deaths at all Ages. Total.	
		Number.	Rate.*	Number	Rate per 1,000 Births reg- istered.	Number.	Rate.*
1	2	3	4	5	6	7	8
1893	17498	432	21.54	36	83.33	249	14.14
1894	17552	461	26.27	41	88.93	228	12.99
1895	17633	430	24.3	46	106.97	265	15.02
1896	17797	398	22.36	42	105.52	234	13.14
1897	17979	413	23.83	29	70.21	231	13.33
1898	18170	435	25.27	44	101.14	244	14.08
1899	18212	383	21.94	44	114.8	251	14.48
1900	18389	418	22.73	31	74.1	203	11.03
1901	18454	373	20.11	39	104.5	213	11.48
1902	15933	350	21.31	26	74.28	169	10.59
Aver- ages for Years 1893- 1902.	17761.7	409.3	22.96	37.8	92.37	228.7	13.02
1903	16092	338	21.00	26	76.92	193	11.99

\* Rates calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division.

TABLE II.

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Names of Localities.	1 ALDERLEY.				2 BOLLINGTON.				3 GAWSWORTH.				4 PRESTBURY.				5 RAINOW.				6 SUTTON.			
	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1893	3002	74	46	5	2876	68	38	5	2693	66	38	4	5045	143	76	19	2104	47	31	0	1778	34	20	3
1894	3003	79	40	10	2882	66	46	6	2708	71	33	7	5033	148	69	14	2123	13	37	2	1803	34	13	2
1895	3020	83	60	12	2886	75	52	11	2729	64	32	4	5052	124	71	12	2133	46	31	3	1813	38	19	4
1896	3045	61	36	8	2907	54	33	4	2755	63	37	5	5098	115	69	12	2156	58	35	6	1836	47	24	7
1897	3089	74	30	2	2924	61	44	2	2792	70	33	5	5171	136	63	12	2155	33	34	6	1848	39	27	2
1898	3121	65	33	6	2950	70	44	11	2827	68	33	6	5212	127	86	12	2193	59	21	3	1867	46	27	6
1899	3124	66	45	8	2956	57	44	6	2830	57	33	2	6537	126	72	18	2195	49	32	3	1870	34	25	7
1900	3154	61	31	4	2973	41	24	4	2860	57	27	2	6324	151	64	13	2237	56	24	3	1889	52	33	5
1901	3167	69	37	4	2971	23	24	2	2884	83	27	8	6353	120	67	18	2228	42	29	4	1889	36	29	3
1902	2838	68	27	2	1317	23	12	1	2690	61	19	6	5182	108	64	12	2049	45	23	3	1765	45	24	2
Averages of Years 1893 to 1902.	3056.3	70.0	38.5	6.1	2764.2	53.8	36.1	5.2	2776.8	66.0	31.2	4.9	5470.7	1298	70	14.2	2156.3	44.8	28.7	3.3	1835.8	40.5	24.1	4.1
1903.	2872	67	43	4	1332	28	14	2	2721	51	30	6	5228	115	62	5	2064	34	24	5	1783	43	20	4



TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1903.

NOTIFIABLE DISEASES.	CASES NOTIFIED IN WHOLE DISTRICT							TOTAL CASES NOTIFIED IN EACH LOCALITY.					
	At all Ages	At Ages—Years.						Alderley.	Bollington.	Gawsworth.	Prestbury.	Rainow.	Sutton (H.)
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 & up- w'ds						
Small-pox .....	5	.....	.....	.....	.....	5	.....	.....	.....	1	4	.....	.....
Cholera .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria .....	11	.....	3	7	.....	1	.....	4	.....	1	4	1	1
Membranous Croup ..	1	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Erysipelas .....	4	.....	.....	.....	1	3	.....	.....	.....	1	3	.....	.....
Scarlet Fever .....	46	1	11	32	1	1	.....	11	1	18	8	.....	8
Typhus Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enteric Fever .....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....
Relapsing Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Continued Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Fever .....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....
Plague .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals .....	69	1	14	40	4	10	.....	17	1	21	20	1	9

H marks locality in which the Isolation Hospital is situated.

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TABLE IV.  
Causes of, and Ages at, Death during Year 1903.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.						DEATHS IN LOCALITIES (AT ALL AGES).						
	All Ages.	Under 1 year	1 & under 5.	5 & under 15.	15 & under 25	25 & under 65	65 & upwards	Alderley.	Bollington.	Gawsworth.	Prestbury.	Rainow.	Sutton.
Small-pox .....													
Measles .....													
Scarlet Fever .....	2	...	1	1	...	...	...	...	...	1	1	...	...
Whooping Cough.....	1	1	...	...	...	...	...	1	...	...	...	...	...
Diphtheria and Mem- branous Croup.....	3	...	...	3	...	...	...	3	...	...	...	...	...
Croup.....													
Fever } Typhus .....													
	{ Enteric .....												
		{ Other .....											
continued...	1	...	...	...	1	...	...	1	...	...	...	...	...
Epidemic Influenza ...	3	...	...	1	1	...	1	1	...	...	1	1	...
Cholera .....													
Plague .....													
Diarrhœa .....	2	1	1	...	...	...	...	...	...	...	1	1	...
Enteritis .....	4	3	1	...	...	...	...	1	...	2	...	...	1
Puerperal Fever .....													
Erysipelas .....													
Other septic diseases	9	...	...	1	2	2	4	5	...	...	2	1	1
Phthisis.....	10	...	...	...	2	8	...	1	...	1	5	1	2
Other tubercular Dis- eases ... ..	6	2	1	2	...	1	...	...	...	1	3	1	1
Cancer, Malignant Dis- ease .....	15	...	...	...	...	8	7	3	2	4	5	...	1
Bronchitis .....	10	...	1	...	...	1	8	4	1	...	3	1	1
Pneumonia .....	12	3	...	...	...	7	2	1	3	1	4	2	1
Pleurisy .....	2	...	...	...	...	1	1	1	...	1	...	...	...
Other Diseases of Res- piratory Organs .....													
Alcoholism .....	2	...	...	...	...	1	1	2	...	...	...	...	...
Cirrhosis of Liver }													
Venereal Diseases.....													
Premature Birth.....	4	4	...	...	...	...	...	2	...	1	...	...	1
Diseases and Accidents of parturition .....	4	1	...	...	...	3	...	1	...	1	1	...	1
Heart Diseases .....	23	...	...	1	...	9	13	5	1	4	7	2	4
Accidents .....	7	1	1	1	1	2	1	...	1	1	3	2	...
Suicides.....	1	...	...	...	...	1	...	...	...	...	1	...	...
All other causes .....	72	10	1	1	1	21	38	11	6	12	25	12	6
All causes.....	193	26	7	11	8	65	76	43	14	30	62	24	20

# OUTBREAKS OF INFECTIOUS DISEASES DURING 1903.

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No. of Case.	Page in Report Book.	Date 1903.	Sub-District.	Township.	Initials.	Disease.	No. in family.	No. Seized.	Age	Source of Infection.	Incidence.	Sequence.	Remarks.
1	..	Jan. 1	Gawsworth	Bosley Works	W.L.	Scarlet Fever..	4	1	6	To No. 2	Dec. 29	Recovery	Wet Ashpits
2	..	" 1	"	"	M.J.	"	4	1	3	"	" 29	"	do.
3	..	" 1	"	"	M.P.	"	4	1	1	"	" 29	Died	Sanitary condition fair
4	..	" 5	Prestbury	Fallibroome	F.B.	"	7	1	3W.	Not traceable	Jan. 3	Recovery	do.
5	76	" 7	Alderley	Warford	W.T.	"	6	1	8	"	" 5	"	do.
6	76	" 11	"	"	W.J.	"	6	1	4	To No. 5	" 10	"	do.
7	76	" 11	"	"	M.M.	"	13	1	6	Not traceable	" 10	"	do.
8	..	" 14	Sutton	Wildboardclough	H.B.	Diphtheria	3	1	4	"	"	"	do.
9	77	" 16	Gawsworth	Bosley Works	W.E.	Scarlet Fever..	4	1	32	To No. 2	"	"	do.
10	..	" 16	Prestbury	Poynton	B.M.	Erysipelas	3	1	31	Not traceable	"	"	do.
11	..	" 16	"	"	K.T.	"	4	1	60	"	"	"	do.
12	..	" 17	Gawsworth	Marton	J.A.	Scarlet Fever..	..	..	8	"	"	"	do.
13	..	" 17	"	"	J.T.	"	..	..	10	"	" 16	"	do.
14	..	" 17	"	Bosley	M.A.E.	"	..	..	..	"	" 16	"	do.
15	78	" 17	Prestbury	Prestbury	W.W.	Small Pox	5	1	59	To School	" 16	"	Removed to Hospital
16	77	" 19	Gawsworth	Bosley Works	W.J.W.	Scarlet Fever..	4	1	5	To No. 9	" 17	"	Sanitary condition fair
17	78	" 22	Bollington..	Hr. Hurdsfield	M.E.	"	5	1	4	Not traceable	" 20	"	do.
18	..	" 23	Gawsworth	Bosley	B.E.A.	"	..	..	..	To School	" 22	"	do.
19	..	" 24	"	"	B.C.	"	..	..	..	"	" 22	"	do.
20	77	" 24	"	Bosley Works	W.H.	"	..	..	..	"	" 23	"	do.
21	79	" 25	Prestbury	Woodford	A.H.	"	8	1	3	To No. 9	" 23	"	Conditions fair
22	79	" 25	"	"	A.J.	"	8	..	9	Not traceable	" 23	"	do.
23	79	" 25	"	"	A.M.	"	8	..	2	"	" 23	"	do.
24	79	" 25	"	"	A.F.	"	8	..	11	"	" 23	"	do.
25	..	" 25	Alderley	Row of Trees..	S.P.G.	Typhoid Fever	..	..	..	"	"	"	do.
26	..	" 29	Gawsworth	Bosley	M.E.B.	Scarlet Fever..	..	..	..	To No. 14	" 28	"	Conditions good
27	79	" 3	Prestbury	Poynton	B.D.	"	3	1	7	Not traceable	" 28	Recovered	Removed to Hospital
28	80	Feb. 3	"	"	G.S.	Small Pox	5	1	46	To No. 15	"	"	do.
29	80	" 3	"	"	B.R.	"	5	1	64	To No. 28	"	"	do.
30	79	" 9	"	"	A.T.	Scarlet Fever..	8	1	13	To No. 24	Feb. 7	"	Conditions fair
31	..	" 9	"	Woodford	"	"	..	..	..	To No. 20	"	"	do.
32	..	" 20	Gawsworth	Bosley Works	P.J.W.	"	..	..	5	Not traceable	"	"	do.
33	..	" 24	Prestbury	Birtles	F.J.W.	Mem. Croup	..	1	..	"	" 23	Died	do.
34	..	Mar. 9	Gawsworth	Eaton	H.E.	Diphtheria	..	..	..	"	"	..	do.



# OUTBREAKS OF INFECTIOUS DISEASES DURING 1903.

15

No. of Case.	Page in Report Book.	Date 1903.	Sub-District.	Township.	Initials.	Disease.	No. in family.	No. Seized.	Age	Source of Infection.	Incidence.	Sequence.	Remarks.
35	81	Mar. 16	Alderley	Over Alderley	H.F.	Scarlet Fever	8	1	6	Not traceable	Mar. 15	Recovered	Conditions fair
36	81	" 16	"	"	H.A.	"	8	1	10	"	" 15	"	do.
37	82	" 16	Prestbury	Poynton	W.H.	Diphtheria	5	1	3	"	" 14	"	Good
38	82	" 19	"	"	W.G.	"	5	1	1	To first case	" 17	"	do.
39	83	" 29	Gawsworth	Gawsworth	M.W.	Small Pox	11	1	62	To Macclesfield	"	Recovery	Removed to Hospital
40	81	Apl. 17	Alderley	Over Alderley	H.M.	Scarlet Fever	8	1	4	To No. 35	April 16	"	Fair
41	84	" 23	Sutton	Sutton	A.W.J.	"	8	1	2	Not traceable	" 20	"	Conditions fair
42	84	" 23	"	"	A.R.	"	8	1	4	"	" 20	"	do.
43	84	" 23	"	"	A.M.	"	8	1	5	"	" 20	"	do.
44	84	" 23	"	"	A.J.C.	"	8	1	6	"	" 20	"	do.
45	84	" 23	"	"	A. H.	"	8	1	9	"	" 20	"	do.
46	84	May 12	"	"	A.R.	"	8	1	11	To No. 41	May 10	"	do.
47	85	" 29	Alderley	Chelford	B.L.	"	11	1	11	Not traceable	" 27	"	do.
48	85	June 2	"	"	B.A.	"	11	1	17	"	" 31	"	do.
49	85	" 11	"	"	B.J.	"	11	1	11	"	June 9	"	do.
50	85	" 12	Prestbury	Prestbury	B.F.	Diphtheria	5	1	3	"	" 10	"	do.
51	85	" 15	Alderley	Chelford	B.F.	Scarlet Fever	11	1	6	To No. 47	" 14	"	Drainage not good
52	86	July 4	Prestbury	Poynton	P.N.	Diphtheria	4	1	9	Not traceable	July 6	Recovered	Fair
53	86	" 8	Gawsworth	Eaton	A.E.	Scarlet Fever	4	1	9	"	" 15	"	do.
54	86	" 16	Rainow	Taxal	A.S.	Diphtheria	4	1	7	"	" 21	"	Conditions good
55	86	" 22	Sutton	Higher Sutton	I.E.	Scarlet Fever	4	1	7	To Manchester	"	Recovery	Returned to Manchester [Hospital]
56	86	" 29	Alderley	Over Alderley	D.F.	"	6	1	7	"	Sept. 14	"	Good
57	87	Aug. 11	"	Lr. Withington	R.M.	Puerperal Fever	6	1	7	"	"	"	"
58	87	Sept. 16	Sutton	Higher Sutton	M.F.	Scarlet Fever	6	1	7	"	"	"	"
59	87	" 17	Gawsworth	Eaton	B.W.	"	6	1	46	"	"	"	"
60	87	" 26	Prestbury	Woodford	D.H.	Erysipelas	6	1	46	"	"	"	"
61	87	Oct. 3	Alderley	Warford	G.E.	Diphtheria	13	1	9	"	"	"	"
62	76	" 9	"	Gt. Warford	M.M.	"	13	1	6	"	"	"	"
63	88	Nov. 16	"	"	H.J.	"	7	1	11	To Cess Pool	Oct. 7	Recovered	Fair. See No. 7
64	88	" 21	"	"	H.E.	"	7	1	48	"	Nov. 15	Died	Stagnant Cess Pool
65	89	" 22	Prestbury	Poynton	M.W.	Scarlet Fever	4	1	7	To Man Hole	" 20	Recovered	do.
66	89	" 27	Gawsworth	Eaton	G.W.	Erysipelas	7	1	33	"	" 21	Died	Conditions good
67	89	" 27	Rainow	Rainow	S.P.	Typhoid Fever	8	1	20	Not traceable	" 25	Recovered	Fair

# SURVEYOR AND INSPECTOR'S REPORT, 1903.

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## To the Macclesfield Rural District Council.

Gentlemen,—

I have the honour to submit to you my Fifteenth Annual Report, shewing what has been done in your district in my department during the year 1903.

Area of District (acres) .....	79,618
Population, 1901 .....	15,775
Number of Townships.....	37
Number of Houses .....	3,622

3 Waste-pipes were disconnected from drains.

28 Houses were provided with efficient drains of glazed socketted pipes, where none previously existed, or to replace inefficient ones.

83 Inlets to drains were trapped.

9 New privies were built. Many others were re-arranged to prevent exposure of their contents to any rainfall or drainage.

4 Houses, which were so damp as to be injurious to the health of the occupants, were improved by the provision of means for carrying off the roof water, by structural repairs, or by draining the sites.

16 Sleeping-rooms were provided with efficient means of ventilation.

Many other nuisances arising from blocked drains, inefficient drainage disposal, the keeping of swine and other animals, and accumulations of house and other refuse, etc., were abated.

67 Statutory Notices were served for the abatement of nuisances, for the provision of water supplies, or for the provision of efficient drains.

No legal proceedings were taken.

Sulphur for fumigation and other disinfectants were supplied to houses in which cases of Infectious Diseases had occurred, to the instructions of the Medical Officer of Health,

The Slaughter-houses were visited at intervals, and were found clean and in good order.

The Effluent Outfalls from Sewage Disposal Works, where they discharge into streams in your district, were visited at intervals. Complaints were received as to the condition of the stream which receives the effluents from the Sewage Disposal Works of the Urban Districts of Alderlèy Edge and Wilmslow. There is some reason to believe that a child, who died of Diphtheria in Great Warford, contracted the disease in playing about this stream. Representations were made to the Mersey and Irwell Joint Committee, in whose jurisdiction these works are situate, and an assurance was received that pressure should be brought to bear on these two Urban Councils to cease polluting the stream.

175 Houses and 2 Public Elementary Schools were provided with new or improved water supplies.

10 Samples of water were sent for analysis, six of which were reported unfit for domestic use. Steps were at once taken to prevent the use of these waters for domestic purposes.

8 Certificates for 18 houses were granted under the provisions of Section 6 of the Public Health (Water) Act, 1878.

5 Houses unfit for habitation were vacated without the service of Statutory Notice.

10 Persons were registered under the Dairies, Cowsheds and Milkshops Order, 1885.

383 Persons are now registered. Most of the premises were visited and were usually found in satisfactory order with regard to cleanliness.

21 Sets of plans of New Buildings (including 40 houses), were approved. The Buildings during the course of their erection were visited frequently to see that the Byelaws were being adhered to.

20 Canal Boats were inspected under the Canal Boats Acts, 1877 and 1884. The boats were registered for 61 adults, and they carried 39 men, 6 women, and 6 children, a percentage of 76.4, 11.8, and 11.8 respectively, as compared with 90.4, 5.7, and 3.9 in the previous year. One boat was not marked as required by the Act. This irregularity was promptly amended. No other infringement of the Acts or Regulations was met with.

No case of Infectious Disease was met with.

Under the Factory and Workshop Act, 1901, visits of inspection were made to the known Factories and Workshops, and records made of those matters which are brought by this Act under the supervision of District Councils.



**POYNTON SEWERS.** 20 Houses were newly drained into the sewers at Poynton. 445 Houses are now so drained. The effluent samples collected at the Sewage Disposal Works by the staff of the Mersey and Irwell Joint Committee were all favourably reported upon.

**BOROUGH WATER EXTENSIONS.** The proposals to purchase water under the provisions of Section 61 of the Public Health Act, 1875, from the Macclesfield Corporation, and to distribute it in several Townships in your district, was the subject of a Local Enquiry by the Local Government Board, and on the receipt of their approval the work was at once taken in hand. 3,395 yards of water mains were laid in the Townships of Upton, Fallibroome, Prestbury, Butley, and Tytherington. On the completion of the works copies of the Regulations, Scale of Charges, and Forms of application for a supply were sent to the owners of every house en route. Where there was dilatoriness in availing themselves of the supply, Statutory Notices were served. The water is now in use at every house en route, except two which have private supplies of a satisfactory character,—

Upton .....	36
Prestbury.....	34
Butley .....	49
Tytherington ....	12

**RAINOW WATER SUPPLY.** The proposals to construct water works for the supply of a portion of the Township of Rainow were also the subject of a Local Enquiry by the Local Government Board, who sanctioned the Scheme. Since then the Parish Council have petitioned you not to proceed with the Scheme. A petition to the same effect, which is signed by a large majority of the ratepayers, including the occupiers of three-fourths of the houses to which the proposed supply would be conveyed, has also been sent in to you.

**POYNTON WATER WORKS.** The waterworks at Poynton, which are owned by Lord Vernon, were extended by the laying of 1,800 yards of new mains, the construction of a pumping station and a new small service reservoir for the higher parts of the Township. The pumping machinery is driven by a gas engine. 34 Houses were newly supplied. 459 Houses are now supplied by these works.

**CHORLEY AND WARFORD WATER SUPPLY.** 15 Houses in Great Warford were newly supplied from the Stockport Corporation water mains. The Corporation now supply 27 houses in Chorley, and 21 in Warford.

**TAXAL WATER SUPPLY.** The proposals to purchase water in bulk from the Chapel-en-le-Frith Rural District Council and to distribute it in parts of the Township of Taxal were approved by the Local Government Board. The works (including the laying of 680 yards of mains) are completed, and are now supplying 41 of the 58 houses en route.

**ISOLATION HOSPITAL.** Your Hospital for the isolation of persons suffering from Smallpox, which had been lent to the Guardians during the last 8 weeks of the previous year, was re-opened on the 17th January. On that day a man living in lodgings at Prestbury was found to be suffering from the disease, and was promptly removed to the Hospital. The other occupants of the house were the husband, wife, daughter, and a second lodger. The house and its contents were disinfected. As the occupants were not re-vaccinated, they were kept in quarantine.

On the 1st February the husband developed the disease, and was at once removed to the Hospital. On the 3rd February your Medical Officer of Health sent to the Hospital a man suffering from the disease. This man had no settled home, and had presented himself that morning at the surgery of a medical practitioner in the Borough, who sent him on to the surgery of your Medical Officer of Health, also in the Borough, where he arrived after perambulating the town for several hours. On the 5th February the wife was found to be suffering from the disease. As the Hospital contained as many cases as it was built to accommodate, and as one of these was a serious case occupying at times the whole attention of the attendants, the wife had of necessity to be isolated at home. On the 8th February the daughter and the second lodger were re-vaccinated. There was no further spread of the disease.

The Hospital was closed on the 24th March.

Late on the 29th March information was received that a man living in Gawsworth was suffering from Smallpox. The following morning the Hospital was re-opened, and the case removed there. Everybody who had been in contact with this case, was promptly re-vaccinated, and there was no spread of the disease. This patient recovered quickly, and the Hospital was finally closed on the 19th May.

1,387 letters were received, and a proportionate number written, on the business of the office.

I am, Gentlemen,

Your obedient Servant,

JAMES THORPE,

Surveyor and Inspector.

19, King Edward Street,

Macclesfield, 7th January, 1904.

